

Swimming Towards Sustainability: How to Reduce Energy Costs in Large Pools and Aquatic Centres - Northmore Gordon

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Removal covers activities that permanently remove CO₂ from the atmosphere such as new forestry plantations, soil carbon improvement or carbon capture and storage. certificates Live Certificate Prices The value of certificates change day-to-day, check today's prices Solar VEECs (VEU PBA) VEU PBA for Large-scale Solar Measurement & Verification (VEU & ESS) M&V; for Large C&I; Efficiency Projects (VEU PBA & ESS PIAM&V;) BESS Calculator Estimate the Peak Reduction Certificate revenue available to your NSW battery project in minutes ERF & Carbon Credit Registration ACCUs for Emission Reduction Projects Boiler Upgrades (VEU & ESS) NSW & VIC Boiler Rebates REC Registration (I-RECs & LGCs) Register renewable assets for I-RECs and LGCs Trade RECs & Carbon with us Trade Local & International Environmental Attribute Certificates moREnewable100 (RECs & Offsets) Reach Global Sustainability Goals with Certificates and Offsets Deemed Certificates (VEU & ESS) NSW & VIC Rebates Global Certificates Environmental Attribute Certificates Australian Programs Australian EAC Programs Case Studies Sectors Articles Team More Close More Open More Northmore Gordon Learn more about Northmore Gordon with the latest news and insights, were to find us, and the extensive terminology used in emissions reductions About Us Who we are & what we do in energy efficiency & decarbonization. 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As a result they are a significant source of greenhouse gas emissions, which must be addressed if Net Zero emissions are to be achieved. However, addressing these challenges and transforming pools into models of low-carbon, energy efficient recreation is now a reality, thanks to the adoption of energy-efficient heat pumps, and some financial support. Energy Challenges in Aquatic Centres and Pools: Aquatic centres are energy-intensive facilities, demanding gas and electricity for a range of vital services: Water heating: Large volumes of water must be heated for the pools, air conditioning systems and showers to ensure the comfort of visitors. Indoor Climate Control: Maintaining a comfortable temperature and humidity in indoor areas necessitates heating and cooling systems. Filtration and Circulation: Pool filtration pumps are critical to ensure water quality and safety. Illumination: Indoor and outdoor lighting is essential for safety and functionality. Electrical Appliances: Various electrical appliances and equipment are in use for gyms, fitness rooms, administration and other areas. Whilst many pools use gas for heating, the low water temperature needs, strong policy drivers to 'get off gas', Government grants, Environmental Certificate Schemes, and greater availability of heat pumps in the industry make them a great candidate for electrification. Efficient Heat Pumps as a Solution: To tackle these energy challenges, aquatic centres can transition from conventional heating systems to energy-efficient heat pumps. Installation of electric Heat Pumps, supported by contracts for purchase of Renewable Electricity, offer a sustainable and cost-effective solution: Reduced Emissions: Heat pumps align with emission reduction targets by reducing reliance on gas-based heating, and become powered by an increasingly renewable grid. Renewable Integration: Aquatic centres can leverage on-site renewable energy, like solar PV Solar Photovoltaic panels, to power heat pumps, further reducing their carbon footprint. Enhanced Efficiency: Heat pumps for low-temperature water heating are highly energy efficient, delivering heating and cooling while

minimizing electricity consumption, leading to long-term cost savings. Financing the upgrade Whilst heat pumps are a great solution, they are not without challenges. The three big challenges are Power supply capacity Space Finance for the heat pump and any related upgrades to related parts of the facility. Fortunately there are mechanisms to help with the finance which include: A Government Grant for aquatic centres if you are a local Government (Community Upgrade Fund) Environmental Certificates if you are in Victoria or NSW (ESCs or VEECs) A Feasibility Study Grant if you are a private sector Small-Medium Enterprise (SME Subject Matter Expert) with less than 200 employees Next Steps What is your next step and how can we help? Register a project for Energy Efficiency Certificates in NSW or Victoria Apply for a Government Grant Energy Audit of my facility Feasibility Study Energy Efficiency , Heat Pumps , Swimming Pools , Water Heating You may also like: Welcome to our August & September 2026 Compliance Update. Australian Certificate Markets – August 2026 Update Where's the value in renewable heat? Latest Updates ASRS Group 3: are you in scope and don't know it? September 18, 2026 Correct as at 13 September 2026. If your company is a large proprietary company, you Read More » Beyond annual matching: The evolution of time-stamped RECs August 18, 2026 For more than a decade, Renewable Energy Certificates (RECs-RECs, GOs, TIGRs Tradeable Instrument for Global Renewables (TIGR) Registry is an online platform for tracking and transferring renewable energy certificates (RECS), enabling developers to generate,verify and sell RECs. The registry is run by APX, a US company that provides infrastructure for environmental markets around the world. , LGCs, ZNECs, J-Credits) have Read More » Solar irrigation upgrades: Don't let certificate funding go unclaimed August 10, 2026 Irrigation pumps are one of the biggest hidden costs on an Australian farm. In particular, if Read More » SRES expansion: STC eligibility to increase from 100 kW to 1 MW from October 2026 August 6, 2026 The Australian Government has announced a major expansion of the Small-scale Renewable Energy Scheme, increasing Read More » Get in touch Australia 1300 854 561 (Advisory) 1300 878 500 (Certificates) Melbourne Suite 1, Level 4 607 Bourke Street Melbourne VIC 3000 Singapore +65 6690 2480 Singapore 1 Keong Saik Road, Singapore 089109 Stay up to date Alternatively, complete the form and we will be in touch with you. First Name Last Name Email Phone Number Country Australia Singapore Subject Message Send Services Energy Audit Services M&V; Services EEO Assessments Corporate Energy and Carbon Management Grants and Program Strategic Energy Sourcing Virtual Energy Manager Climate Active Certification Sectors Animal Processing Chemical Processing Commercial Buildings Food & Beverage Manufacturing Mining Oil & Gas Pharmaceutical & Health Products Public Sector Waste & Wastewater Wood, Paper & Cardboard Processing Upgrades Boiler Upgrades Commercial Lighting Hot Water Systems Mid Scale Solar NABERS Public Lighting Refrigerated Display Cabinets Solar PV Small Scale UPS Certificates Live Certificate Prices International Renewable Energy Certificates Tradable Instrument for Global Renewables Australian Carbon Credit Units Energy Savings Certificates Large-scale Generation Certificates Small-scale Technology Certificates Victorian Energy Efficiency Certificates Government Schemes Emissions Reduction Fund Energy Savings Scheme Renewable Energy Target Victorian Energy Upgrades Helpful Links About us Meet the Team Careers Contact us Articles News Glossary Privacy Policy Complaints